Approved for use through 10/31/2002. OMB 0651-0032

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	Olider the Paperwork Reduction Act of 1999, no persons are required to the								
	UTILITY	Attorney Docket No. 717664.11							
	PATENT APPLICATION	First Named Inventor William M. Bishop O							
	TRANSMITTAL	Title METHOD AND APPARATUS FOR WARMING AND STORAGE OF COLD FLUIDS							
		STORAGE OF COLD FLORDS							
(On	ly for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV320681408US							
COL	APPLICATION ELEMENTS	ADDRESS TO: Commissioner for Patents							
See M	MPEP chapter 600 concerning utility patent application contents.	ADDRESS 10: Commissioner for Patents Mail Stop Patent Application 45							
		P.O. Box 1450							
		Alexandria, VA 22313-1450							
1. 2.	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status.	 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission 							
۷.	Sec 37 CFR 1.27	(if applicable, all necessary)							
3.	☐ Specification [Total Pages 40]	a. Computer Readable Form (CRF)							
	(preferred arrangement set forth below, MPEP 1503.01)	b. Specification Sequence Listing on: i.							
	 Descriptive title of the invention Cross Reference to Related Applications 								
2	- Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D								
	- Reference to sequence listing, a table, or a computer	c. Statements verifying identity of above copies							
	- program listing appendix	ACCOMPANYING APPLICATION PARTS							
γ,	- Background of the Invention	9. Assignment Papers (cover sheet & document(s))							
	- Brief Summary of the Invention	10. 37 CFR 3.73(b) Statement Power of Attorney							
	- Brief Description of the Drawings (if filed)	(when there is an assignee)							
	- Detailed Description	11.							
	- Claim(s) - Abstract of the Disclosure	12. Information Disclosure Statement							
4.	Drawings (37 U.S.C. 113) [Total Sheets 7]	(IDS)/PTO-1449 Citations							
5.	Oath or Declaration [Total Pages 2]	12 V Proliminary Amendment							
	a. Newly executed (original or copy)	13. Mary Amendment							
	b. Copy from a prior application (37 CFR 1.63(d))	14. Return Receipt Postcard (MPEP 503)							
	(for continuation/divisional with Box 18 completed)	(Should be specifically itemized)							
	i. DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s)							
	Signed statement attached deleting inventor(s) named in the prior application, see	(if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122							
6	37 CFR 1.63(d)(2) and 1.33(b)								
6.	Application Data Sheet. See 37 CFR 1.76	(b)(2)(B)(i). Applicant must attach form PTO/SB/35							
		or its equivalent.							
	İ	17. Other:							
18. Data	If a CONTINUING APPLICATION, check appropriate box, and supply the recast sheet under 37 CFR 1.76:	equisite information below and in a preliminary amendment, or in an Application							
\boxtimes	Continuation Divisional Continuation-i	• • • • • • • • • • • • • • • • • • • •							
	Prior application information: Examiner <u>Drake, Malik N</u>	N. Group Art Unit: 3744							
		the prior application, from which an oath or declaration is supplied under Box							
5b,	is considered a part of the diclosure of the accompanying continuation or c	divisional application and is hereby incorporated by reference. The							
inco	orporation can only be relied upon when a portion has been inadvertently or								
	19. CORRESPON	NDENCE ADDRESS							
⊠	Customer Number or Bar Code Label (Insert Customer)	de label heте) Соттевропоенсе address below							
Nan	ne Lawrence E. Evans 77	1178							
	720 Olive Street	TZO							
Add	Iress 24th Floor	DESCRIPTION OF FICE							
City	St. Louis State	fissouri Zip Code 63101							
Cou	ntry United States Telephone	314-345-6000 Fax 314-345-6060							
Nan	ne (Print/Type)	Registration No. 29,531							
	vrence E. Evans	(Attorney/Agent)							
Sign	Saverel & Strans	Date 10/15/03							

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PTO/SB/17 (01/03)
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FEE TRANSMITTAL

Complete if Known **Application Number** Not yet known Filing Date Herewith First Named Inventor Bishop, William M. **Examiner Name** Unknown Art Unit Unknown

for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 Attorney Docket No. **TOTAL AMOUNT OF PAYMENT** 717664.11

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account: Order	Large	Entity	Small	Entity			
Deposit Account 11-0160	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Number Deposit	1051	130	2051	65	Surcharge - late filing fee or oath		
ACCOUNT BLACKWELL SANDERS PEPER MARTIN LLP Name	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification		
Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month		
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee <u>Fee Description</u> Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee 385	1255	2,010	1155	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to Institute a public use proceeding		
SUBTOTAL (1) (\$ 385.00	1452	110	2452	55	Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional		
Fee from Extra Claims below Fee Paid	1501	. 1,330	2501	665	Utility issue fee (or reissue)		
Total Claims 7 -20** = X =	1502	480	2502	240	Design issue fee		
Independent 3 -3** = X = Claims	1503	640	2503	320	Plant issue fee		
Multiple Dependent =	1460	130	1460	130	Petitions to the Commissioner		
Large Entity Small Entity	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	1806	180	1806	180	Submission of Information Disclosure Stmt		
1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	⁷⁷⁰ .	2801	385	Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$)	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Redu	*Reduced by Basic Filing Fee Paid		Fee Paid	SUBTOTAL (3) (\$)		

SUBMITTED BY		(if applicable)	я.		
Name (Print/Type)	Lawrence E. Evans	Registration No. (Attorney/Agent)	29,531	Telephone	314-345-6000
Signature	FRUNDO (XXXXX			Date	10/15/03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORNS. TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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